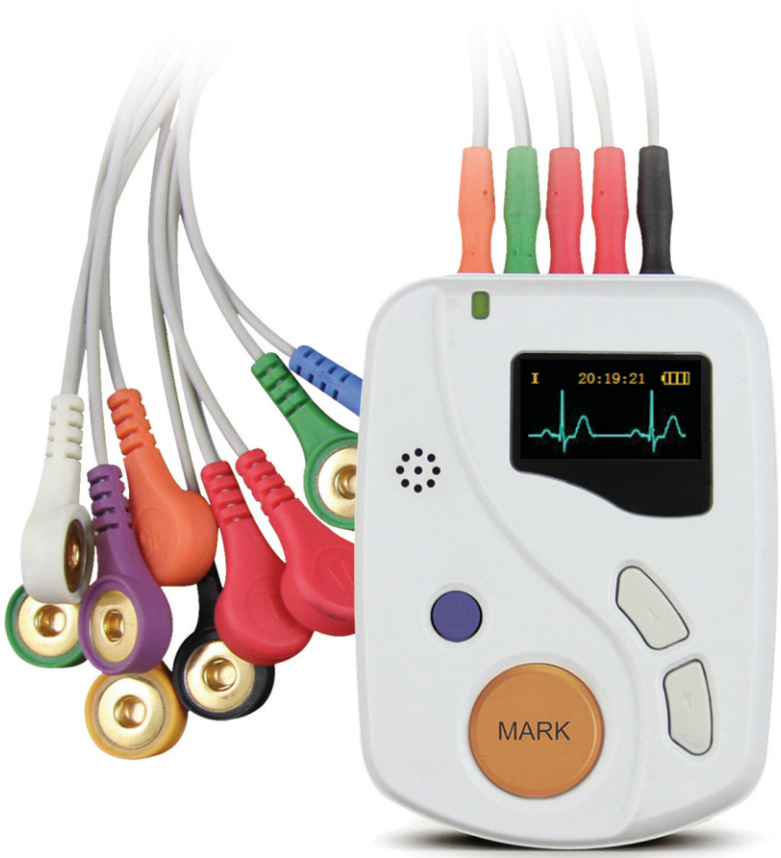
Cordis 12



12 Channel Holter ECG System

- 48 hrs continuous recording
- Simultaneous acquisition of all 12 leads ECG data
- Comfortable to be used at clinics, hospitals, home and work place
- Lightweight, durable and streamlined design with event marking function
- Color 1 inch OLED display to verify quality of live recording
- Removable SD card and USB for data transfer
- Flexible Atrial Fibrillation analysis
- Powerful pacemaker analysis on AAI, VVI etc.
- T wave Alternation analysis
- Heart Rate Turbulence (HRT) analysis

Cordis 12 - Technical Specification

Holter

Sampling accuracy	12 bit
Lead selection	Standard 12 leads
Noise level	≤30 µVp-p
Memory	Removable SDHC card (2 GB)
Frequency Response	0.5 to 55 Hz
CMRR	≥ 60 dB
Time Constant	≥ 3.2 sec
Scan speed	25 mm/sec
Scale voltage	1 mV
Least measuring	50 µVp-p
Sensitivity	10 mm/mV

Display

Display Size	1 inch OLED
On screen display	Single lead ECG at a time, battery and realtime clock

Power Supply

Battery	Single AAA
Battery backup	48 hrs

General

Degree of Protection	Type BF
Dimensions	80.5 x 59.5 x 22 mm
Weight	61.5 gm (without battery)

Environmental Conditions

Operation

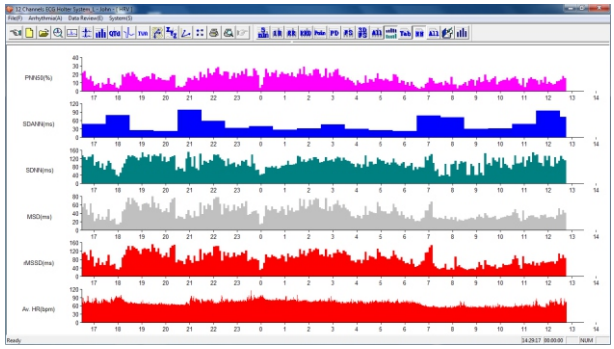
Temperature	5°C to 40°C
Humidity	≤ 80% non condensing
Atmospheric pressure	700 to 1060 hPa

Storage

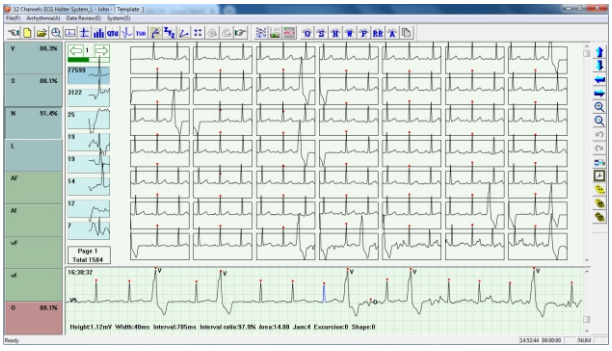
Temperature	1°C to 50°C
Humidity	≤ 93% non condensing
Atmospheric pressure	500 to 1060 hPa

Holter Analysis Software

- Full analysis of HRV (Heart Rate Variability) with option of short (5 min) and long range (1 hr) analysis
- Analysis function including templates: Arrhythmia analysis module, Template replay module, Order replay module, HRV analysis module, QTD analysis module, HRT module, TWA module, VCG module, VLP module, TVCG module and Parameter definition module
- Full disclosure data
- Digital filters to eliminate baseline drift
- Various trend graphs: HR, ST of each lead, VE and SVE, T of each lead
- Statistics of arrhythmia, ST variety



HRV Analysis



Templates

Patient Cable

Chest belt and pouch

USB Cable and Software

Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation

Certified ISO 9001:2015, EN ISO 13485:2016 company

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